

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/006464

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl' G11B7/0065, 7/09, 7/125, 7/135, G03H1/04, 1/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl' G11B7/0065, 7/09, 7/095, 7/125, 7/135, G03H1/04, 1/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2004
Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | JP 10-302293 A (Sony Corp.), 13 November, 1998 (13.11.98), Full text; Figs. 1 to 23 (Family: none) | 1-30 |
| A | US 6108110 A (Siros Technologies, Inc.), 22 August, 2000 (22.08.00), Full text; Figs. 1 to 7 (Family: none) | 1-30 |

 Further documents are listed in the continuation of Box C. See patent family annex.

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| "A" | Special categories of cited documents: |
| "A" | document defining the general state of the art which is not considered to be of particular relevance |
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| "P" | document published prior to the international filing date but later than the priority date claimed |
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| "&" | document member of the same patent family |

Date of the actual completion of the international search
23 August, 2004 (23.08.04)Date of mailing of the international search report
07 September, 2004 (07.09.04)Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.